

Date: Sun, 12 Jun 94 04:30:22 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V94 #183  
To: Ham-Equip

Ham-Equip Digest                      Sun, 12 Jun 94                      Volume 94 : Issue 183

Today's Topics:

                    2-way radio  
            ADvice on 2m rpitr. wanted  
                    a Kantronics Un.Ter??  
                    Icom R100 (2 msgs)  
            Icom R100 Comments SOught  
                    NEED HELP TO GET ON AIR  
            need imformation a"HAL 2100/2200"  
                    Need schematic for IC-22s  
            Opinion on Kenwood 733A or Yeasu's 5100/5200  
                    Opinions on Yaesu FT-101E...  
                            scrambling for HF/SSB?  
                            Shops in WA  
                    Syntor 902-928? Doable?  
                            Tempo One Opinion  
                            Uniden 2600

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 11 Jun 1994 00:42:23 GMT  
From: ihnp4.ucsd.edu!agate!spool.mu.edu!news.clark.edu!netnews.nwnet.net!  
news.u.washington.edu!jguo@network.ucsd.edu  
Subject: 2-way radio  
To: ham-equip@ucsd.edu

Hi,

Can you tell me where to mail-order some 2-way 900MHz or 800 MHz, trunk or conventional, mobile or portable radio at a discount price?

My local dealer can sell me some at \$500 - \$600, which is a little bit too expensive for me.

Thanks a lot.

Jun

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Date: 11 Jun 94 12:09:01 -0400  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!concert!  
hearst.acc.Virginia.EDU!gems.vcu.edu!gbcarey@network.ucsd.edu  
Subject: ADvice on 2m rptr. wanted  
To: ham-equip@ucsd.edu

DE Greg Carey, KN4EL, Richmond VA

Hi Guys:

I'm looking for the simplest, oldest, and down-to-earth but working 2m repeater any o' ye ere did see. Just simple duplexer, filters etc. abt. 25w output is good. Going down to Eleuthera island in C6 land for a few weeks. WOULD love to experiment w/ 2m rptr. 2m range is excess of 50-65 mi over open water. Should be able to contact hams on 2m in nrby Nassau. NO 2m repeater in Eleuthera to date.

Please send advice to me at GBCAREY@GEMS.VCU.EDU  
Y T NX AND 73

GREG/KN4EL

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Date: Sat, 11 Jun 1994 22:23:37 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!chip.ucdavis.edu!  
szhall@network.ucsd.edu  
Subject: a Kantronics Un.Ter??  
To: ham-equip@ucsd.edu

Whats a KANTRONICS UNIVERSAL TERINAL?? Does it do CW, Ritty and can you send as well as receive..Does it work on HF onlly and what year was it made?..Jeff

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Date: Fri, 10 Jun 1994 18:27:45  
From: ihnp4.ucsd.edu!agate!usenet.ins.cwru.edu!eff!news.kei.com!ssd.intel.com!

chnews!ornews.intel.com!ccm.hf.intel.com!brett\_miller@network.ucsd.edu  
Subject: Icom R100  
To: ham-equip@ucsd.edu

In article <2tasos\$36i@panix.com> adam@panix.com (Adam Epstein) writes:

> So this is a second attempt. I'll also add that I seem to remember  
>that there was a series of several Icom wideband receivers (possibly  
>including the R1 and the R100) which were not too well received (no  
>pun intended). I recall hearing about problems with important  
>characteristics like selectivity. Is there any truth to this  
>(specifically with respect to the R100)?

I think this scanner is not that popular because of its price/features ratio. The specs on this unit are great, but HF coverage without SSB is of limited interest to many. So we are really left with a VHF/UHF scanner. But the R100 isn't much of a scanner, its more of a comm receiver. Programming is typical Icom - lots of button pushing for simple operations. If I remember correctly there are no "banks" of channels, which is standard now for scanners. If you want a small comm receiver, that can scan in a pinch, then this unit is great. But most people opt to spend more and get the "He-Man" R7100. I have been tempted to get one several times, but I just don't know what I would use it for. Listening to satellites while mobile?

Brett Miller N70LQ  
Intel Corp.  
American Fork, UT

brett\_miller@ccm.hf.intel.com

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Date: Sat, 11 Jun 1994 12:26:22 GMT  
From: ihnp4.ucsd.edu!agate!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
crisp@network.ucsd.edu  
Subject: Icom R100  
To: ham-equip@ucsd.edu

In article <brett\_miller.294.001276FE@ccm.hf.intel.com>  
brett\_miller@ccm.hf.intel.com (Brett Miller - N70LQ) writes:  
>In article <2tasos\$36i@panix.com> adam@panix.com (Adam Epstein) writes:  
>  
>> So this is a second attempt. I'll also add that I seem to remember  
>>that there was a series of several Icom wideband receivers (possibly  
>>including the R1 and the R100) which were not too well received (no  
>>pun intended). I recall hearing about problems with important  
>>characteristics like selectivity. Is there any truth to this  
>>(specifically with respect to the R100)?  
>



Purpose VHF Rcvr. Despite its wide range (.15-1800 MHz) mine has been pretty intermod resistant (especially for an urban location). I find the programming system pretty easy to use, for someone like me who only occaisionally tampers with it.

My only regret is that it doesn't have an IF output which I wanted for VHF WEFAX satellites (different bandwidth). I think the Kenwood has that, but the wideness in the Kenwood also hurts the intermod.

Hope my opinions help.  
-Steve Trapp, [steve@hpcc01.corp.hp.com](mailto:steve@hpcc01.corp.hp.com)

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Date: Fri, 10 Jun 1994 08:15:48 GMT  
From: [ihnp4.ucsd.edu!agate!iat.holonet.net!tcfarm!john.jewkes@network.ucsd.edu](mailto:ihnp4.ucsd.edu!agate!iat.holonet.net!tcfarm!john.jewkes@network.ucsd.edu)  
Subject: NEED HELP TO GET ON AIR  
To: [ham-equip@ucsd.edu](mailto:ham-equip@ucsd.edu)

DEAR FELLOW HAMS,

RECENTLY, SEVERAL IMPORTANT PIECES OF GEAR WERE EITHER STOLEN, OR IF THEY COULDN'T GET THEM OUT OF THE CAR, WERE DAMAGED BEYOND MERE MORTAL REPAIR. IF ANYONE HAS SCHEMATICS, LAYOUTS, ETC. OR AN OLDER KIT RADIO THEY NEVER FINISHED, OR REEEEEALLLY CHEAP OLDER EQUIP THEY WOULD LIKE TO BE RID OF, E-MAIL ME AT THIS ECHO. PLEASE. I AM LISTED IN THE CALL BOOK AND THE CD-ROM DISK.

I FIGURE IF I BUILD IT OR IF IT ISN'T SHINY AND NEW, NOBODY WILL WANT TO EVEN TRY TO STEAL IT. I AM CURRENTLY BORROWING A FELLOW HAM'S YAESU FT-411E<2.5 WATTS MAX>. SURE MISS MY ALINCO AND RS HTX-202 & ETC., ET AL.

PLEASE HELP IF YOU CAN. I WAS TAUGHT THAT HAM STOOD FOR "HELP ANOTHER MEMBER". TX de 73 ...KB7WTD,  
2088 NE 19th St.  
gRESHAM, oREGON 97030-4304  
(503)492-2625

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Date: Sat, 11 Jun 1994 22:29:10 GMT  
From: [ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!chip.ucdavis.edu!szhall@network.ucsd.edu](mailto:ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!chip.ucdavis.edu!szhall@network.ucsd.edu)  
Subject: need imformation a"HAL 2100/2200"  
To: [ham-equip@ucsd.edu](mailto:ham-equip@ucsd.edu)

I understand the HAL 2100/2200 is used for CW/Ritty. ..Someone told me you don't need a computer to use it..Any one know anything about this unit..I can't find it advertised anywhere..Hope you can help..Jeff

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Date: 12 Jun 1994 05:01:46 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.moneng.mei.com!uwm.edu!  
alpha2.csd.uwm.edu!pachner@network.ucsd.edu  
Subject: Need schematic for IC-22s  
To: ham-equip@ucsd.edu

A friend of mine needs the schematic for the Icom ic-22s. If you have such  
an item. Call him (MIke) at work 414-273-6773, or just drop me a line.

thanks

--

Thomas Jay Pachner ==- Music Major (at least this week I am)  
University of Wisconsin - Milwaukee  
pachner@alpha2.csd.uwm.edu - please note new email address  
Amateur Radio Call Sign: N9UUJ

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Date: Sat, 11 Jun 94 23:11:59 -0500  
From: news.delphi.com!usenet@uunet.uu.net  
Subject: Opinion on Kenwood 733A or Yeasu's 5100/5200  
To: ham-equip@ucsd.edu

<mangefeste@ACM.ORG> writes:

>The first question is this:

> Although the 5200 was a removable faceplate, is it still attached via  
> cable to the main unit? If so, is it easy to remove, I mean  
> is the plug made for fast and east detachment if at all.

The cable IS connectorized but it is screwed into place on either side.  
It is not possible to remove it from the extension cable "on the fly".

> With Kenwood's removable faceplate, is there any loss in performance?  
> Because of that is the Kenwood built like the 5200? Is it as rugged?

I don't have experience with the Kenwood unit, but I imagine ANYTHING  
would be better performance-wise to the YAESU. Most annoying is the  
interference between bands; the VFO for one band has a pronounced  
on the other to the extreme. The wireless mike option, which is what  
attracted me to the unit has worse audio quality than a CB, and I'm  
now on my third transmitter/receiver combination (the first being

DOA!). All of my Kenwoods work very well after modification for other bands (including mode switch to AM for aircraft band, for instance) but the Yaesu has neither the range nor the program to be viable in anything other than ham band use.

MAYbe the 5100 takes care of these and other design flaws?

John Hall

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Date: Sat, 11 Jun 1994 20:30:22 GMT  
From: yuma!yuma.acns.colostate.edu!hemstreet@purdue.edu  
Subject: Opinions on Yaesu FT-101E...  
To: ham-equip@ucsd.edu

I happened upon a near new condition FT-101E for \$300 today. For me it is more of a want than a need as I need to replace my broken 2m base rig. Is this really a good deal?

Thanks,  
Charles

--  
!=====!  
! Charles H. Hemstreet IV           !internet: hemstreet@handel.cs.Colostate.Edu !  
! Colorado State University       !       Professional College Student       !  
!=====!

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Date: 10 Jun 1994 10:28:27 -0700  
From: news.claremont.edu!kaiwan.com!not-for-mail@uunet.uu.net  
Subject: scrambling for HF/SSB?  
To: ham-equip@ucsd.edu

Can anyone advise me if can add scrambling feature in HF/SSB tranceiver?

The radio will be used oversea, so should have no legal problem with FCC.

If possible the manufacturer name and contact that make scrambling device.

Thanks

--  
John Lin       \*\*\* Save the planet, save the world ! \*\*\*

e-mail: jlin@kaiwan.com

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Date: Sat, 11 Jun 1994 05:08:45 GMT  
From: agate!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!umn.edu!  
csus.edu!netcom.com!jkauffmn@ames.arpa  
Subject: Shops in WA  
To: ham-equip@ucsd.edu

Robin Alexander (robin@oleum.zso.dec.com) wrote:

: Hi,  
:  
: I am currently on relocation in Seattle/Bellvue area. I'm waiting for my  
: reciprocal permit to arrive and was wondering if there are any shops  
: in the area. I plan to buy a small Handtalkie while I'm over here.  
  
: As a matter of interest ICOM US HQ is down the road - do they have a  
: retail outlet there???

: Thanks

: Robin (GM4YED)

If you happen to find yourself on the west side of the sound (Bremerton) you  
may want to stop into Radio Depot, Dave (N7KZN) is very presonable.

Radio Depot  
2135 Sheridan Rd. Suit F  
Bremerton, Wa 98310  
(206) 377-9067

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Date: 11 Jun 1994 21:47:34 GMT  
From: usc!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!  
newsrelay.iastate.edu!hobbes.physics.uiowa.edu!newsfeed.ksu.ksu.edu!  
moe.ksu.ksu.edu!crcnis1.unl.edu!unlinfo.unl.edu@ihnp4.ucsd.edu  
Subject: Syntor 902-928? Doable?  
To: ham-equip@ucsd.edu

I have access to a Motorola T45VGJ5G00AA Syntor trunking radio. I  
don't know much about trunking systems, but I'm told that the radio is  
synthesized and would require modification of the eprom to move it  
from where it is.



Is this something that is doable? Has anyone done this change to move it from the 850 band to our 902-928 freqs? Is information readily available, or not at all? In short, is this radio worth messing with? If it is, I would like to put it on the air and build either a high speed link for packet, or a repeater.

Any information would be useful.

Thanks and 73,  
Gary  
reply to : mcduffie@hannibal.wncc.cc.ne.us  
or to this group.

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Date: 10 Jun 1994 19:14:44 -0500  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!  
vixen.cso.uiuc.edu!uwm.edu!omnifest.uwm.edu!omnifest.uwm.edu!not-for-  
mail@network.ucsd.edu  
Subject: Tempo One Opinion  
To: ham-equip@ucsd.edu

I currently have a Tempo-one. Works fine with the limitations listed by the other respondants. Price is good deal, if you want to get into HF cheaply. You can't lose money HIHI. I have the manual. Will get it to you if you buy the rig for copying costs and postage.  
73's Ray WB9ZIQ Email: raym@omnifest.uwm.edu  
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Date: 11 Jun 1994 08:26:01 -0400  
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: Uniden 2600  
To: ham-equip@ucsd.edu

I purchased the chip from that California company, and after extensive surgery, my radio now covers 25.000 to 29.999 full xmit and receive. I don't have the company name off the top of my head at 7:30am, but if interested, please e-mail me and I'll look it up. I think they also have chips for the 2510 radio.

Xhacker@aol.com

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Date: Sat, 11 Jun 1994 12:06:17 GMT



I have no problems using the speaker out jack and using a "line level to recorder level" attenuator to record with my boom box.

To avoid the problems of switching between speaker and recorder, I have put the two together so I can record and listen on my speaker at the same time (or record and turn off my speaker with a switch)

Robert  
roberts@triton.unm.edu

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End of Ham-Equip Digest V94 #183  
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